

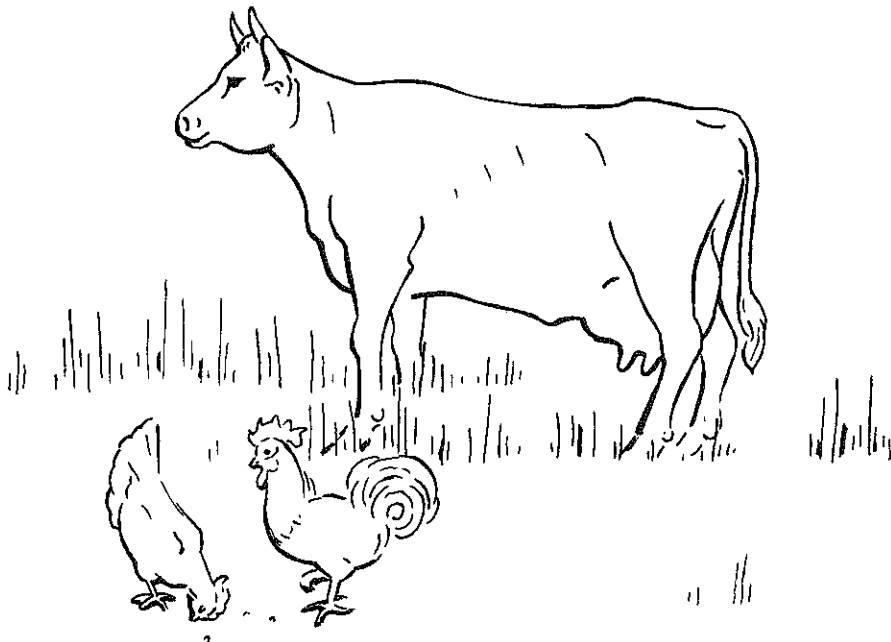
Return A. D. Snyder

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A. E. Res. 77

**LIVESTOCK
COSTS AND RETURNS
from
FARM COST ACCOUNTS**

39 FARMS - 1960



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REPORTS
from
FARM COST ACCOUNTS
39 Farms, 1960

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LIVESTOCK COSTS AND RETURNS, A.E. Res. 77

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COSTS AND RETURNS
FOR FARM COST ACCOUNTS, 1960

For the Cost Account year 1960, there were 39 New York State farmers who completed detailed records on their businesses in co-operation with the Department of Agricultural Economics, Cornell University.

This report presents the results for individual enterprises and the averages of the costs and returns for all farms. This arrangement provides averages of costs and returns along with indications of the variability and reasons for it. The factors for individual enterprises are arranged according to size of enterprise. The averages of the costs are not averages of average costs but are weighted by the size of the enterprise.

The project was under the supervision of C. D. Kearl. The field work on these accounts was done by D. G. Williams and C. D. Kearl. The closing of the books and the preparation of this report on results of the operation of the farms was done by the Cost Account staff consisting of Marjorie Evans, Oneta Shipe, Edith Slights, Edna Wheeler, Helen Kruth, Judith Caveney and Carol Petersen.

THE ECONOMIC SITUATION IN 1960

Year	New York farm prices	Prices of articles farmers buy	Earnings of factory workers
1935-39	109	125	210
1954	227	281	616
1955	226	281	648
1956	231	286	680
1957	241	296	703
1958	248	293	715
1959	243	297	756
1960	243	299	772
Jan.	243	299	779
Feb.	242	299	775
March	246	300	776
April	249	302	754
May	248	301	770
June	246	299	773
July	237	298	775
August	238	298	773
Sept.	240	298	774
Oct.	245	296	776
Nov.	243	297	776
Dec.	244	298	761
1961			
Jan.	236	301	777
Feb.	238	302	781
March	238	302	784
April	238	302	783

Source: Farm Economics

Prices of farm products in New York in 1960 were in line with those of the previous year. Prices of articles farmers buy again increased and were higher than any year in history. Farm incomes in the State were good in spite of these unfavorable trends because sizes of businesses have been increased and farmers are operating efficiently.

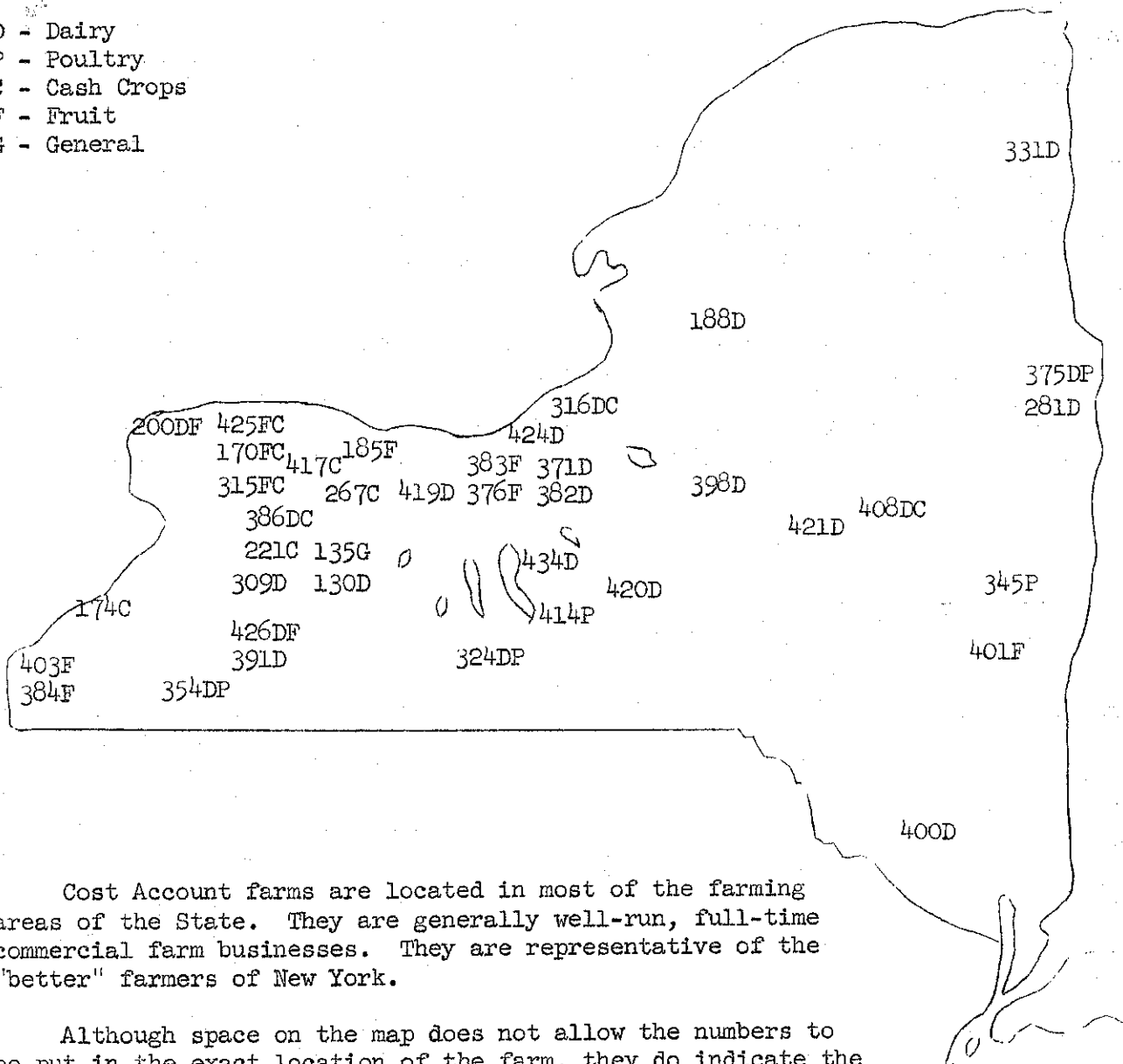
Earnings of factory workers climbed 16 index points or about 2.1 per cent during the year.

Although all New York farmers did not fare equally well under 1960 economic conditions, those with large efficiently run businesses did well. The wide variation in financial results for the enterprise on the farms emphasizes the importance of management in today's farming.

LOCATION OF FARMS

Legend

- D - Dairy
- P - Poultry
- C - Cash Crops
- F - Fruit
- G - General



Cost Account farms are located in most of the farming areas of the State. They are generally well-run, full-time commercial farm businesses. They are representative of the "better" farmers of New York.

Although space on the map does not allow the numbers to be put in the exact location of the farm, they do indicate the general area in which the farm is situated.

The type of farm is indicated by the letters which follow the farm number. The combinations of letters indicate that there was more than one type of major enterprise on the farm. General type farms include those with a number of different types of enterprises, none of which is important enough to warrant classifying the farm by a type of enterprise.

WEATHER CONDITIONS AT FIVE NEW YORK STATIONS, 1960*

Station	May 1 - Sept. 30		Annual total	
	Length growing season**	Average temperature	Precipi- tation	Precipi- tation
	days	degrees	inches	inches
Brockport	175	64.9	8.91	19.99
Fredonia	192	66.2	13.03	27.69
Ithaca	156	63.5	16.51	29.31
Poughkeepsie	194	68.8	22.62	39.41
Schenectady	185	67.0	23.83	37.08

* Weather Bureau, U. S. Department of Commerce, Annual Summary, 1960

** Number of days between last and first frost

The rainfall in New York State in 1960 was below normal both for the year and for the growing season, May to September, except for the Hudson Valley where it was about normal for the year but below for the growing season. Temperatures during the growing season were below those of the previous year. The cool growing season was partially offset by a longer than usual growing season.

YIELDS FOR CROPS AND LIVESTOCK

Item	Unit	New York State*			Cost
		1936-40	1946-55	1960	Account 1960
Hay	tons	1.3	1.7	2.0	2.4
Corn silage	tons	9	10	10	10
Corn grain	bu.	34	44	54	60
Wheat	bu.	24	31	30	33
Oats	bu.	30	38	52	61
Barley	bu.	25	31	36	27
Cows	lbs.	5,628	6,588	8,140	11,588
Hens	eggs	154	188	211	213

* AMS Reports and unpublished tabulations

Favorable weather, economic conditions and applied scientific development all combined to cause yields of most 1960 New York State crops to continue to be high. Hay and grass production was good. Small grain yields were maintained except for winter wheat and barley. Livestock yields continued high and the Cost Account farms paralleled these good yields.

SUMMARY, 1960
Crop Enterprises

Crop	Number of accounts	Average acres per enterprise	Average yield per acre	Hours of labor per acre	Return per hour of labor	Return per dollar of cost	Profit per acre	Profit on enterprise
<u>Vegetables:</u>								
Peas	6	37.6	3,900 lbs.	18	\$7.00	\$1.55	\$ 95	\$ 3,563
<u>Fruit:</u>								
Apples	11	66.9	377 bu.	107	3.11	1.37	161	10,747
Sweet cherries	5	5.1	6,637 lbs.	224	2.89	1.85	357	1,815
Sour cherries	5	33.3	3,252 lbs.	138	1.57	1.10	29	953
Peaches	7	7.5	104 bu.	94	1.54	0.95	-16	-121
Grapes	5	21.5	4.4 tons	133	3.49	1.76	261	5,614
<u>Grain:</u>								
Wheat	21	42.0	33 bu.	6	2.94	1.11	7	295
Corn for grain	20	42.0	60 bu.	7	1.08	0.94	-5	-204
Oats	20	23.4	61 bu.	6	-0.21	0.83	-12	-271
Barley	5	34.4	27 bu.	4	-2.83	0.63	-19	-639
<u>Hay and Silage:</u>								
Hay	28	72.5	2.4 tons	7	1.34	0.97	-2	-122
Corn silage	24	31.5	10 tons	11	0.19	0.85	-15	-479
Grass silage	8	33.5	7 tons	8	2.02	1.08	5	177

Livestock Enterprises

Enterprise	Number of accounts	Average number of head per farm	Production per head	Hours of labor per head	Return per hour of labor	Return per dollar of cost	Profit on enterprise
Dairy cows	23	55	11,588 lbs.	86	\$1.74	\$1.03	\$1,027
Hens	6	7,839	213 eggs	0.6	2.60	1.09	4,458
Raising chicks	9	3,206*	--	6**	3.41	1.07	325

* Number of chicks started

** Per 100

SUMMARY, 1960

	Return per hour of labor					Return per dollar of cost			
	1949 to 1953	1957	1958	1959	1960	1957	1958	1959	1960
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Farm enterprise</u>									
<u>Livestock:</u>									
Dairy cows	1.41	1.85	2.34	2.22	1.74	1.11	1.17	1.12	1.03
Hens	1.38	2.01	2.00	0.35	2.60	1.08	1.04	0.87	1.09
Raising chicks	0.83	4.29	3.71	10.33	3.41	1.15	1.11	1.25	1.07
<u>Fruit:</u>									
Apples	2.01	1.79	1.10	1.25	3.11	1.05	0.91	0.92	1.37
Sweet cherries	--	2.70	2.07	1.79	2.89	2.14	1.45	1.34	1.85
Sour cherries	--	0.98	1.72	1.40	1.57	0.91	1.19	1.04	1.10
Peaches	1.11	-3.00	1.19	1.73	1.54	0.00	0.87	1.04	0.95
Grapes	--	1.56	2.49	2.45	3.49	1.00	1.40	1.34	1.76
<u>Grain:</u>									
Corn	2.25	1.97	1.07	0.06	1.08	1.06	0.95	0.86	0.94
Oats	0.37	-0.04	-0.61	0.40	-0.21	0.85	0.78	0.88	0.83
Wheat	3.47	3.70	4.32	0.27	2.94	1.28	1.29	0.87	1.11
Barley	--	0.84	5.03	-1.54	-2.83	0.93	1.34	0.71	0.63
<u>Hay and Silage:</u>									
All hay	1.37	2.63	0.65	1.05	1.34	1.17	0.91	0.94	0.97
Corn silage	--	0.50	-0.55	0.14	0.19	0.90	0.76	0.82	0.85
Grass silage	--	1.43	2.00	2.61	2.02	1.02	1.08	1.16	1.08
<u>Vegetables:</u>									
Peas				6.48	7.00			1.53	1.55

Factors from 24 Heifer Accounts, 1960
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year**	Heifer equivalent raised***	Return per hour of labor	Return per dollar of cost	Cost per heifer****
	<u>heifers</u>	<u>months</u>	<u>number</u>	<u>\$</u>	<u>\$</u>	<u>\$</u>
408	104	11	27.3	1.24	0.95	229
391	100	14	28.0	0.22	0.83	346
424	96	17	29.2	-0.69	0.63	344
221	95	17	28.1	1.67	0.99	414
398	88	15	19.7	-1.30	0.63	278
382	83	20	29.1	3.34	1.15	176
331	77	16	21.3	-2.72	0.77	474
386	75	12	19.1	2.01	0.77	393
421	73	17	19.1	2.88	1.31	146
375	65	19	22.5	-2.72	0.60	213
419	58	15	16.0	-0.17	0.90	294
400	55	20	12.7	3.59	1.25	272
420	53	15	13.3	1.29	0.97	447
281	51	16	13.8	-0.22	0.81	501
309	51	16	16.0	10.36	1.52	301
426	51	15	15.4	1.29	1.00	280
434	42	17	10.4	0.95	0.96	287
316	41	18	11.1	-2.53	0.47	754
188	39	19	12.8	-2.85	0.62	327
200	39	19	9.9	0.20	0.88	202
324	38	13	10.4	2.26	1.07	356
354	29	18	8.5	-0.78	0.66	292
371	29	22	9.1	-1.14	0.71	279
130	28	22	9.4	0.24	0.73	244

Averages for 1960, by thirds according to number of heifers, weighted by farms:

High	90	15	25.2	0.47	0.84	332
Medium	57	17	16.0	2.04	1.04	307
Low	36	18	10.2	-0.46	0.76	343

Annual averages, all farms, weighted by number of heifers:

1960	61	16	17.1	0.12	0.86	321
1959	54	17	15.0	0.07	0.84	317
1958	45	17	13.2	1.07	0.97	336
1957	45	19	13.5	-0.19	0.81	312
1956	45	18	13.5	-1.20	0.70	298

* Total number of heifers in the account during the year

** At end of year, time of transfer to cow account, time of sale or death

*** To 27.5 months of age

**** Includes cost of calf started and an adjustment for death losses

HEIFERS, 1960

412 mature-heifer equivalents on 24 farms*

Average per heifer raised to 27.5 months:		Dollars
Costs:		
Value of calf at birth.....		42.40
Milk and milk-substitute.....	13.26	
1,279 pounds of grain at \$3.30 per hundredweight....	42.17	
2.5 tons of hay at \$21.93 per ton.....	54.82	
2.5 tons of silage at \$6.87 per ton.....	17.18	
Pasture and fences.....	30.05	
Bedding.....	9.45	
Total feed and bedding.....		166.93
34 hours of labor at \$1.54 per hour.....		52.36
Equipment and power.....	7.33	
Buildings.....	18.12	
Breeding fees.....	6.00	
Veterinarian and medicine.....	1.33	
Insurance.....	1.38	
Registration and transfers.....	1.41	
Lights and water.....	4.07	
Interest.....	16.09	
All other.....	10.71	
Total other than calf, feed, bedding and labor.		66.44
Total cost.....		328.13
By-products:		
6.6 tons of manure.....		6.27
Other returns.....		0.38
Net cost of raising a heifer to 27.5 months of age.....		321.48

* There were a total of 1,460 heifers of all ages on these farms for a part or all of the year. They were fed a total of 11,329 heifer-months, which, divided by 27.5, equal 412 mature-heifer equivalents.

Factors from 23 DAIRY COW Accounts, 1960
(Arranged by number of cows)

Farm number	Size of herd cows	Milk per cow cwt.	Milk test %	Labor per cow hours	Feed per cow			Cost of feed and bedding per cow \$	Value per cow \$
					Grain pounds	Hay tons	Silage tons		
398	124.3	96	3.6	89	3,502	1.9	6.6	226	271
221	89.8	130	3.6	88	4,084	2.6	11.1	269	283
386	80.8	118	3.5	77	3,557	2.4	11.9	259	348
391	80.5	134	3.5	80	3,713	2.6	6.5	236	270
382	66.8	109	3.4	68	3,325	2.4	4.1	196	209
424	63.9	116	3.6	120	4,721	0.4	20.5	319	276
400	61.5	118	3.5	84	4,261	2.7	5.1	301	324
375	60.0	133	3.3	47	4,607	2.4	6.2	294	219
281	58.0	133	3.6	91	6,300	2.6	3.6	350	364
331	57.8	115	3.6	93	3,502	2.9	9.0	246	331
420	56.6	133	3.7	67	4,977	4.1	4.2	302	368
419	55.7	100	3.4	67	3,548	2.3	12.4	222	362
421	50.9	110	3.7	123	3,726	2.6	5.8	247	290
309	46.6	126	3.6	93	3,030	3.5	3.8	209	367
434	45.3	97	3.6	72	3,013	1.6	8.0	236	272
316	42.6	75	4.9	92	3,494	2.0	5.7	266	298
188	42.5	134	3.5	97	5,370	3.0	8.4	314	336
426	41.4	113	3.6	112	4,048	3.4	10.6	334	237
200	34.9	97	3.5	110	2,186	2.4	4.4	185	295
354	30.9	119	3.6	70	4,322	-	11.9	269	253
324	30.7	112	3.6	82	5,143	2.7	11.9	335	294
130	25.2	108	3.7	65	3,746	1.6	8.2	208	269
371	20.8	142	3.7	111	5,184	4.0	3.5	296	318

Averages for 1960, by thirds according to number of cows, weighted by farms:

High	78.4	119	3.5	82	3,971	2.2	9.0	262	275
Medium	53.0	116	3.6	87	4,014	2.8	6.7	259	336
Low	33.6	112	3.8	92	4,187	2.4	8.1	276	288

Annual averages, all farms, weighted by number of cows:

1960	55.1	116	3.6	86	4,008	2.4	8.1	263	297
1959	48.9	115	3.6	86	3,775	2.6	8.0	256	291
1958	44.5	119	3.6	91	3,827	2.7	6.2	253	275
1957	41.6	108	3.7	93	3,743	2.3	7.6	260	258
1956	41.2	103	3.8	91	3,551	2.3	6.2	243	252

* Appreciation per cow

Factors from 23 DAIRY COW Accounts, 1960
(Read across both pages)

Depre- ciation per cow	Average per 100 pounds of milk		Average per cow		Labor return		Return per dollar of cost	Profit on enter- prise	Farm number
	Cost	Value	Cost	Returns	Per cow	Per hour			
\$	\$	\$	\$	\$	\$	\$	\$	\$	
18	4.71	4.63	489	481	115	1.29	0.98	-936	398
25	4.59	4.79	621	647	183	2.08	1.04	2,323	221
65	5.58	4.59	686	569	49	0.64	0.83	-9,428	386
25	4.22	4.76	587	658	221	2.77	1.12	5,754	391
19	3.76	4.15	434	476	173	2.53	1.10	2,817	382
8	4.82	4.53	601	568	111	0.92	0.94	-2,112	424
29	4.36	5.22	535	635	195	2.33	1.19	6,171	400
10*	3.33	4.73	482	668	265	5.59	1.39	11,169	375
34	5.01	5.45	700	759	176	1.93	1.08	3,398	281
51*	3.54	4.54	510	625	236	2.54	1.23	6,643	331
6	3.50	4.62	519	669	275	4.08	1.29	8,465	420
51	4.82	4.66	527	511	79	1.18	0.97	-883	419
69	4.39	4.53	509	525	124	1.01	1.03	798	421
34	3.78	4.69	509	624	270	2.89	1.23	5,337	309
40	4.56	4.56	457	457	105	1.47	1.00	-4	434
24	7.82	5.01	617	407	-40	-0.43	0.66	-8,947	316
18*	4.80	4.56	697	664	145	1.50	0.95	-1,411	188
26	5.61	4.43	646	514	18	0.16	0.80	-5,477	426
55	4.74	4.64	499	490	123	1.12	0.98	-309	200
12	3.86	4.77	487	595	207	2.95	1.22	3,336	354
25	5.20	4.39	621	530	29	0.36	0.85	-2,795	324
4	4.62	4.84	524	547	161	2.48	1.04	575	130
30	4.60	4.31	683	642	141	1.26	0.94	-859	371

Averages for 1960, by thirds according to number of cows, weighted by farms:

22	4.42	4.68	554	587	164	2.27	1.07	1,970	High
26	4.23	4.72	533	596	181	2.16	1.12	3,393	Medium
20	5.16	4.62	597	549	98	1.18	0.93	-1,986	Low

Annual averages, all farms, weighted by number of cows:

23	4.53	4.69	556	575	150	1.74	1.03	1,027	1960
19	4.22	4.78	523	587	190	2.22	1.12	3,146	1959
4	4.01	4.74	514	601	214	2.34	1.17	3,874	1958
13	4.33	4.84	500	555	171	1.85	1.11	2,295	1957
27	4.21	4.53	469	502	132	1.46	1.07	1,352	1956

DAIRY COWS, 1960

1,268 cows on 23 farms

Average per cow:	Dollars
Costs:	
4,008 pounds of grain, at \$59.57 per ton.....	119.39
2.4 tons of hay, at \$23.97 per ton.....	57.53
8.1 tons of silage, at \$7.45 per ton.....	60.34
Bedding.....	6.50
Pasture and fences.....	19.63
Total feed and bedding.....	263.39
86 hours of labor, at \$1.53 per hour.....	131.34
Depreciation.....	22.81
Automobile, truck, tractor.....	9.67
Dairy equipment.....	24.72
Interest on \$297 value of cow.....	15.90
Buildings.....	17.29
Breeding costs.....	6.61
Veterinarian, medicine, disinfectants.....	11.12
Hired milk-hauling.....	18.85
DHIA.....	4.23
Insurance.....	1.49
Registration and transfer fees.....	0.23
Light, water, power.....	9.06
Supplies.....	4.88
All other.....	14.63
Total other than feed, bedding, labor and depreciation....	138.68
Total cost.....	556.22
Returns:	
11,402 pounds of milk sold.....	533.87
186 pounds of milk used on farm.....	9.20
Calves.....	23.45
7.9 tons of manure.....	8.13
Other returns.....	0.21
Total returns.....	574.86
Gain.....	18.64
<hr/>	
Cost of producing 100 pounds of milk.....	4.53
Value of 100 pounds of milk.....	4.69
Return per hour of labor.....	1.74
Return per dollar of cost.....	1.03

HENS, 1960

47,032 birds on 6 farms

Average per bird:	Dollars
Costs:	
93 pounds of feed at \$3.60 per hundredweight.....	3.35
Grit and shell.....	0.04
Total feed.....	3.39
0.6 hours of labor at \$1.78 per hour.....	1.07
Depreciation.....	1.01
Interest.....	0.05
Power and equipment.....	0.21
Buildings.....	0.28
Litter.....	0.04
Electricity.....	0.06
All other.....	0.15
Total other than feed, labor and depreciation.....	0.79
Total cost.....	6.26
Returns:	
213 eggs per hen.....	6.82
Manure.....	0.01
Total returns.....	6.83
Net gain.....	0.57
<hr/>	
Cost of producing a dozen eggs.....	0.36
Value per dozen eggs.....	0.39
Labor return per bird.....	1.64
Return per hour of labor.....	2.60
Return per dollar of cost.....	1.09

Factors from 6 HEN Accounts, 1960
(Arranged by number of birds)

Farm number	Size of flock <u>birds</u>	Eggs per hen <u>eggs</u>	Mortality <u>per cent</u>	Average per bird		Per dozen eggs	
				<u>Labor</u> <u>hours</u>	<u>Feed</u> <u>pounds</u>	<u>Cost</u> <u>¢</u>	<u>Value</u> <u>¢</u>
375	18,696	200	12	0.49	87	31	38
345	12,224	206	13	0.69	81	36	34
414	6,595	232	12	0.80	111	38	44
425	4,351	234	15	0.76	103	39	40
324	2,980	220	17	0.68	98	40	42
354	2,186	255	19	0.69	123	45	42

Annual averages, all farms, weighted by number of birds:

1960	7,839	213	13	0.63	93	36	39
1959	6,166	219	14	0.71	99	39	34
1958	6,129	217	17	0.73	104	40	42
1957	4,047	208	18	0.79	98	38	41
1956	3,400	214	19	0.85	103	42	39

Factors from 6 HEEN Accounts, 1960
(Read across both pages)

Cost all feed	Average per bird				Return per hour of labor	Return per dollar of cost	Profit on enter- prise	Farm number
	Depre- ciation	Total cost	Total returns	Labor return				
\$	\$	\$	\$	\$	\$	\$	\$	
3.10	0.73	5.25	6.39	1.96	3.99	1.22	21,401	375
2.95	1.05	6.10	5.92	1.08	1.55	0.97	-2,193	345
4.18	0.63	6.91	8.02	2.60	3.27	1.16	7,299	414
3.77	1.62	7.69	7.82	1.27	1.67	1.02	553	425
3.66	1.44	7.34	7.78	1.45	2.12	1.06	1,319	324
4.83	2.48	9.58	8.84	0.23	0.34	0.92	-1,628	354
<u>Annual averages, all farms, weighted by number of birds:</u>								
3.39	1.01	6.26	6.83	1.64	2.60	1.09	4,458	1960
3.60	1.52	7.08	6.18	0.25	0.35	0.87	-5,520	1959
3.88	1.29	7.24	7.56	1.46	2.00	1.04	1,936	1958
3.47	1.08	6.65	7.17	1.59	2.01	1.08	2,098	1957
3.78	1.50	7.46	6.89	0.54	0.63	0.92	-1,951	1956

Factors from 9 CHICK Accounts, 1960
(Arranged by number of chicks started)

Farm number	Number started	Mortality %	Average per 100 chicks started		Value per chick started	Average per mature equivalent		Return per hour of labor	Return per dollar of cost	Profit on enterprise
			Feed pounds	Labor hours		Cost	Value			
375	10,000	18	1,641	3	36	1.51	1.74	8.79	1.15	1,868
375	9,900	4	1,721	4	33	1.47	1.75	7.75	1.19	2,685
414	2,675	10	3,363	16	32	2.49	1.75	-2.40	0.71	-1,771
354	1,500	9	3,280	11	28	2.09	2.00	0.56	0.96	-126
354	1,400	8	3,234	12	43	2.20	2.00	-0.12	0.91	-256
425	978	8	1,844	5	52	1.64	1.75	3.67	1.06	86
425	900	7	1,912	6	44	1.52	1.75	5.12	1.15	189
425	900	10	1,929	6	34	1.49	1.75	6.02	1.18	215
425	600	8	1,900	15	41	1.69	1.75	2.20	1.04	33

Annual averages, all farms, weighted by number of chicks started:

1960	3,206	10	2,020	6	36	1.66	1.77	3.41	1.07	325
1959	5,977	3	1,945	4	35	1.45	1.84	10.33	1.25	2,098
1958	2,632	4	2,342	8	38	1.77	1.96	3.71	1.11	484
1957	3,002	9	2,062	8	36	1.74	2.02	4.29	1.15	687
1956	2,135	10	2,179	13	35	1.94	2.00	1.60	1.03	101

RAISING CHICKS, 1960

28,853 chicks started on 4 farms*

Average per 100 chicks started:	Dollars
Costs:	
100 chicks started at 36 cents per chick.....	35.57
2,020 pounds of feed at \$3.76 per hundredweight.....	75.88
Other feed.....	0.01
Total feed.....	75.89
6 hours of labor at \$1.66 per hour.....	9.96
Auto, truck, tractor.....	3.76
Poultry equipment.....	2.47
Litter.....	0.48
Interest.....	2.73
Fuel and electricity.....	3.97
Medicine and disinfectants.....	0.65
Buildings.....	10.26
All other.....	2.63
Cost other than chicks, feed and labor.....	26.95
Total cost.....	148.37
Returns:	
0.4 meat birds.....	0.26
89.1 pullets for laying.....	158.08
Total value of birds.....	158.34
Returns other than birds.....	0.16
Total returns.....	158.50
Gain.....	10.13
Cost of raising a bird to maturity.....	1.66
Value of mature bird.....	1.77
Labor return per 100 chicks started.....	20.09
Return per hour of labor.....	3.41
Return per dollar of cost.....	1.07

* 9 accounts on 4 farms